

What is Claimed is:

1. A vehicular photoelectron air purifier comprising:

a three-dimensional, square-columnar structure housing for actuating an assemblage having a plurality of air inlets and a plurality of air outlets with predetermined sharp, wherein  
5 the three-dimensional housing comprises:

at least two extractor fan mean horizontally inserted and engaged in said three-dimensional housing for mean of drawing air into said three-dimensional housing through said air inlet, through a ultraviolet radiation tube mean and out of said housing through said air  
10 outlet,

an air aggregator integrally provided between said extractor fan mean and said housing,

15 an ultraviolet radiation tube mean for generating ultraviolet rays to produce and increase the quantity of anions is integrally connected within said housing, said air inlet and air outlet are connected at both ends of said a ultraviolet radiation tube mean,

an electric circuit with a voltage transformer connected with an indicator light, a  
20 starter electrically connected via said electric circuit to said ultraviolet radiation tube,

a switch on said housing electrically connected via said electric circuit between said housing and said air drawing means, and a plug on an electric cord electrically connected to said electric circuit to engage with a wall socket to receive electricity therefrom;

25 a high negative voltage discharge/carbonated fiber is connected between said ultraviolet radiation tube and said air outlet.

an anion generating circuit and an ultraviolet radiation tube generating 253.7nm start

up circuit.

an air intake frame trellis device is provided at a rear portion of said body; an intake frame trellis device provides said air inlet and is used as a fixed dustproof frame, dustproof net  
5 and dustproof cover; said extractor fan is kept close to an inner surface of said air exhaust frame trellis device; there is an air collector between said air inlet and said extractor fan; said polarization end ultraviolet ray radiation tube lies in a center portion of said air collector.

2. As recited in Claim 1, said vehicular photoelectron air purifier comprises at least two  
10 extractor fan arranged in said square-columnar body abreast along the linear direction of the polarization end ultraviolet ray radiation tube, wherein said air collector is composed of a space surrounded by an air collecting wall and a sheltering wall, and said polarization end ultraviolet ray radiation tube is fixed between a front and a rear portion of sheltering walls so that there is no light ray is radiated out of the purifier.

15 3. As recited in Claim 1, said vehicular photoelectron air purifier, wherein a support frame is mounted on the side inside said body, an electronic converter and an electronic generator of power supply are provided at an upper end thereof; a power socket for connecting to a vehicular power supply or the municipal power is provided on side surface of  
20 said body.

4. As recited in Claim 1, said vehicular photoelectron air purifier, wherein there is a quadrate hole on a front end surface of said body, in which a power supply switch for

controlling said extractor fan and said polarization end ultraviolet ray radiation tube is arranged; there is a hole above said quadrate hole, in which, a LBDs for indicating functions is provided.

5     5.     As recited in Claim 1, said vehicular photoelectron air purifier, wherein, said body is in square-columnar structure comprising at least one extractor fan, transformer, at least one circuit board, at least a polarization end ultraviolet ray radiation tube, and a least one cathodal high-voltage discharging carbonized fiber wire. Said body is equipped with one air inlet and one air outlet; the air exhaust frame trellis device with cambered surface structure is provided  
10 on a rear upper portion of said body; an outer frame trellis device is provided at a front portion of said body; an air intake frame trellis device is provided at a rear portion of said outer frame trellis device; said intake frame trellis device provides an air inlet and is used as a fixed dustproof frame, dustproof net and dustproof cover; said cathodal high-voltage discharging carbonized fiber wire is fixed in a center portion of front surface of said air  
15 exhaust frame trellis device; said polarization end ultraviolet ray radiation tube is mounted at said air outlet in said body and lies in said air collector; said extractor fan and an electric motor are kept close to the inner surface of the air intake frame trellis device.

6.     As recited in Claim 1, said vehicular photoelectron air purifier, wherein said air  
20 collector is composed of a space surrounded by an air collecting wall and a sheltering wall, and said polarization end ultraviolet ray radiation tube is fixed between a front and a rear portion of said sheltering walls so that there is no light ray is radiated out of the purifier.

7. As recited in Claim 5, said vehicular photoelectron air purifier, wherein said air collector is composed of a space surrounded by an air collecting wall and a sheltering wall, and said polarization end ultraviolet ray radiation tube is fixed between a front and a rear portion of said sheltering walls so that there is no light ray is radiated out of the purifier.

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8. As recited in Claim 1, said vehicular photoelectron air purifier, wherein there is an electronic converter, an electronic generator of power supply, and the power line are provided. At a lower portion in said body; a power socket for connecting to the vehicular power supply or the municipal power is provided on the side surface of the body.

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9. As recited in Claim 5, said vehicular photoelectron air purifier, wherein there is an electronic converter, an electronic generator of power supply, and the power line are provided. At a lower portion in said body; a power socket for connecting to the vehicular power supply or the municipal power is provided on the side surface of the body.

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10. As recited in Claim 1, said vehicular photoelectron air purifier, wherein there is a quadrate hole on the upper surface of said body, in which a power supply switch for controlling said electric motor, said extractor fan, said polarization end ultraviolet ray radiation tube and said carbonized fiber wire is mounted. There are two holes above said quadrate hole, by which two LBDs with different colors are fixed.

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11. A vehicular photoelectron air purifier, the body of which is in square-columnar structure, in which comprising: extractor fan, transformer, circuit board, and polarization end

ultraviolet ray radiation tube, it is characterized that the said body is equipped with one air inlet and one air outlet; the air outlet locates at the front of the body and an air exhaust frame trellis device is provided on the plane of the front end surface of the body; the air inlet locates at the front of the body and an air exhaust frame trellis device is provided on the plane of the front end surface of the body; the air inlet locates at the rear of the body and an air intake frame trellis device is provided at the rear end of the body; the intake frame trellis device provides an air inlet and is used as a fixed dustproof frame, dustproof net and dustproof cover; the extractor fan is kept close to the inner surface of the air exhaust frame trellis device; there is an air collector between the air inlet and the extractor fan; the polarization end ultraviolet ray radiation tube lies in the center of the air collector.